

PUBLIC NOTICE

PERMIT APPLICATION: NRS06.141

APPLICANT: City of Sevierville
120 Gary Wade Boulevard
Sevierville, Tennessee 37862
865-453-1736

LOCATION: Little Pigeon River near Sevierville in Sevier County; 35.9105° N, 83.5840° W

WATERSHED DESCRIPTION: Little Pigeon River is assessed as not supporting recreational use and is listed as impaired by pathogens. The pollutant source is listed as septic tank and collection system failure. The department has issued a water contact advisory. Stream is Category 4a. One or more uses impaired, but EPA has approved a pathogen TMDL that addresses the known pollutants. The waterbody ID is TN06010107 007 – 1000 & 2000. The existing stream is approximately 100-feet across, with depths reaching approximately 5-feet. The substrate of the stream is made predominately of river rock and sand. The watershed size about 350 mi². The published drought flow (7Q10) is 43.2 cubic feet per second (cfs).

PROJECT DESCRIPTION: The City of Sevierville is proposing to construct a water intake along the banks of the Little Pigeon River near mile 2.2. The purpose of this intake is to supply additional irrigation water to the storage ponds at Eagle's Landing Golf Course. The intake would be operated only during times when additional water was needed to supplement the irrigation water in the storage ponds. The maximum withdrawal rate would be 650 gallons per minute or about 1.5 cfs.

Due to the size of the stream it will not be possible to install a diversion ditch to allow water to flow around the construction site. As a proposed alternative to this method a temporary rip-rap pad will be installed in the stream. All work will be done by digging through the pad, which will be removed after construction has been completed.

The proposed intake will be installed by digging a trench from the west side of the stream to a distance of approximately 40-feet from the west side. The trench will be approximately 30-inches wide to accommodate the 8-inch diameter pipe and be installed at a depth sufficient to provide 30-inches of cover on the pipe. The trench will be backfilled with spoils excavated from the trench to return the stream to its original contours. All remaining material backfilled from the trench will be disposed of off-site. The construction will take place during low flow conditions to minimize the amount of impact to the stream. It is not anticipated there will be any changes to the existing stream conditions at the completion of construction.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will not result in degradation to water quality.

ALTERNATIVES

The City of Sevierville has considered only one other feasible alternative. This alternative would require water to be withdrawn from the French Broad River and pipe it to the storage ponds located at Eagle's Landing Golf Course. The water would be supplied from the raw water intake at the new water treatment plant, which is currently under construction, at McCroskey Island.

The use of this alternative would be more costly to the City of Sevierville. A stream crossing of the French Broad River along with the acquisition of several property easements along the route would be required. This installation would also require a great deal more pipe to be installed. The additional distance to reach the golf course property is approximately 10,000 feet.

USGS TOPOGRAPHIC QUADRANGLE: Douglas Dam

PERMIT COORDINATOR: Robert Baker

No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

Tennessee Department of Environment & Conservation
Division of Water Pollution Control, Natural Resources Section
7th Floor L & C Annex
401 Church Street
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.



